



Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT(S)**
Complete if Known

Application Number	10/533,822
Filing Date	August 31, 2005
First Named Inventor	Mino Green
Art Unit	2814 2815
Examiner Name	Unknown Jami M. Valentine, Ph.D.
Attorney Docket No.	KSTR 2 00004

Sheet 1 of 3

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document No. Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
/J.V./	AA	US-5,262,021	11/16/1993	Lehmann et al.
	AB	US-5,907,899	06/01/1999	Dahn et al.
	AC	US-6,022,640	02/08/2000	Takada et al.
/J.V./	AD	US-6,042,969	03/28/2000	Yamada et al.

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/J.V./	AE	EP 0 820 110	01/21/1998	Sony Corporation (English Text)	<input type="checkbox"/>
	AF	EP 1 011 160	06/21/2000	Kao Corporation (English Text)	<input type="checkbox"/>
	AG	EP 1 258 937	11/20/2002	STMicroelectronics S.r.l. (English Text)	<input type="checkbox"/>
	AH	EP 1 335 438	08/13/2003	Sanyo Electric Co., Ltd. (English Text)	<input type="checkbox"/>
	AI	JP 10-83817	03/31/1998		<input type="checkbox"/>
	AJ	JP 10-199524	07/31/1998	Yuasa Corp. (English Text)	<input type="checkbox"/>
/J.V./	AK	JP 2001-291514	10/19/2001	Matsushita Electric Ind. Co. Ltd. (English Text)	<input type="checkbox"/>

OTHER - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume(issue number(s), publisher, city and/or country where published	T
/J.V./	AL	R. A. Sharma et al., "Thermodynamic Properties of the Lithium-Silicon System", J. Electrochem. Soc., 123, pp. 1763-1768 (1976).	<input type="checkbox"/>
	AM	B.A. Boukamp et al., "All-Solid Lithium Electrodes with Mixed-Conductor Matrix", J. Electrochem. Soc., 128, pp. 725-729 (1981).	<input type="checkbox"/>
	AN	R. A. Huggins, "Lithium Alloy Anodes" in Handbook of Battery Materials, J.O. Besenhard Ed., Wiley-VCH, Weinheim, pp. 359-381 (1999).	<input type="checkbox"/>
	AO	S. Bourderau, et al., "Amorphous Silicon as a Possible Anode Material for Li-ion Batteries", J. Power Sources, pp. 233-290, 81 (1999).	<input type="checkbox"/>
	AP	Hong Li et al., "A High Capacity Nano-Si Composite Anode Material for Lithium Rechargeable Batteries", Electrochem. Solid-State Lett., 2, pp. 547-549 (1999).	<input type="checkbox"/>
	AQ	J.O. Besenhard et al., "Will Advanced Lithium-Alloy Anodes Have a Chance in Lithium-ion Batteries?", J. Power Source, 68, pp. 87-90 (1997).	<input type="checkbox"/>
/J.V./	AU	L.Y. Beaulieu et al., "Reaction of Li with Grain-Boundary Atoms in Nanostructured Compounds", J. Electrochem. Soc., 147, pp.3206-3212 (2000).	<input type="checkbox"/>

Examiner
Signature

/Jami Valentine/

Date
Considered

07/12/2007

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT(S)	Complete if Known Application Number: 10/533,822 Filing Date: August 31, 2005 First Named Inventor: Mino Green Art Unit: 2844 2815 Examiner Name: Unknown Jami M. Valentine, Ph.D. Attorney Docket No.: KSTR 2 00004
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Examiner Initials*	Cite No.	Document No. Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
/J.V./	BA	US-6,334,939	01/01/2002	Zhou et al.
/J.V./	BB	US-6,337,156	01/08/2002	Narang et al.
/J.V./	BC	US-2004/0072067	04/15/2004	Minami et al.
	BD	US-		

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/J.V./	BE	JP 2002-313319	10/25/2002	Sanyo Electric Co. Ltd. (English Text)	<input type="checkbox"/>
↓	BF	JP 2004-296386	10/21/2004	Sanyo Electric Co. Ltd. (English Text)	<input type="checkbox"/>
↓	BG	NL 1015956	02/19/2002	University of Delft (English Abstract)	<input type="checkbox"/>
↓	BH	WO 99/33129	07/01/1999	SRI International (English Text)	<input type="checkbox"/>
↓	BI	WO 01/13414	02/22/2001	Imperial College of Science, Technology & Medicine (English Text)	<input type="checkbox"/>
/J.V./	BJ	WO 2004/042851	05/21/2004	Imperial College Innovations Limited (English Text)	<input type="checkbox"/>
	BK				<input type="checkbox"/>

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/J.V./	BL	J. K. Niparko (Editor), "Cochlear Implants Technology", Pub., Lippincott Williams and Wilkins, Philadelphia, pp. 109 - 121 (2000).	<input type="checkbox"/>	
↓	BM	C.J. Wen et al., "Chemical Diffusion in Intermediate Phases in the Lithium-Silicon System", J. Solid State Chem., 37, pp. 271-278 (1981).	<input type="checkbox"/>	
	BN	W.J. Weydanz et al., "A Room Temperature Study of the Binary Lithium-Silicon and the Ternary Lithium-Chromium-Silicon System for use in Rechargeable Lithium Batteries", J. Power Sources, 81-82, pp. 237-242 (1999).	<input type="checkbox"/>	
	BO	J-P. Colinge, "Silicon-on-Insulator Technology: Materials to VLSI", Kluwer Acad. Pub, Boston, Chapter 2, p. 38 (1991).	<input type="checkbox"/>	
/J.V./	BP	Mino Green, "Quantum Pillar Structures on n ⁺ Gallium Arsenide Fabricated Using 'Natural' Lithography", Appl. Phys. Lett., 63, pp. 264-266 (1993).	<input type="checkbox"/>	

Examiner Signature	/Jami Valentine/	Date Considered	07/12/2007
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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT(S)	Complete if Known <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black;">Application Number</td> <td style="width: 50%; border-bottom: 1px solid black;">10/533,822</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Filing Date</td> <td style="border-bottom: 1px solid black;">August 31, 2005</td> </tr> <tr> <td style="border-bottom: 1px solid black;">First Named Inventor</td> <td style="border-bottom: 1px solid black;">Mino Green</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Art Unit</td> <td style="border-bottom: 1px solid black;">2811 2815</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Examiner Name</td> <td style="border-bottom: 1px solid black;">Unknown Jami M. Valentine, Ph.D.</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Attorney Docket No.</td> <td style="border-bottom: 1px solid black;">KSTR 2 00004</td> </tr> </table>	Application Number	10/533,822	Filing Date	August 31, 2005	First Named Inventor	Mino Green	Art Unit	2811 2815	Examiner Name	Unknown Jami M. Valentine, Ph.D.	Attorney Docket No.	KSTR 2 00004
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	CA			
	CB			
	CC			
	CD			

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	CF			
	CG			
	CH			

OTHER - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published	T
/J.V./	CL	Mino Green et al., "Mesoscopic Hemisphere Arrays for Use as Resist in Solid State Structure Fabrication", J. Vac. Sci. & Tech. B, 17, pp. 2074-2083 (1999).	<input type="checkbox"/>
↓	CM	Shin Tsuchiya et al., "Structural Fabrication Using Cesium Chloride Island Arrays as a Resist in a Fluorocarbon Reactive Ion Etching Plasma", Electrochem. Solid-State Lett., 3, pp. 44-46 (2000).	<input type="checkbox"/>
↓	CN	L-C. Chen et al., "Selective Etching of Silicon in Aqueous Ammonia Solution", Sensors and Actuators, A49, pp. 115-121 (1995).	<input type="checkbox"/>
↓	CO	H. Li et al., "The Crystal Structural Evolution of Nano-Si Anode Caused by Lithium Insertion and Extraction at Room Temperature", Solid State Ionics, 135, pp. 181-191 (2000).	<input type="checkbox"/>
↓	CP	"Properties of Silicon", Pub. INSPEC, The Institution of Electrical Engineers, London (1988): p. 461 for solubility; p. 455 for diffusion data.	<input type="checkbox"/>
↓	CQ	B.E. Deal et al., "General Relationship for the Thermal Oxidation of Silicon", J. Appl. Phys., 36, pp. 3770-3778.	<input type="checkbox"/>
/J.V./	CR	L.Y. Beaulieu et al., "Colossal Reversible Volume Changes in Lithium Alloys", Electrochem. Solid State Lett., 4, pp. A137-A140 (2001).	<input type="checkbox"/>

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